11218 -18A (STANFORD UNIVERSITY)
Architecture and Site Approval – Gilbert Building Rooftop Greenhouses

Summary: Architecture and Site Approval for construction of three (3) new greenhouses on the rooftop of the existing Gilbert Biology Building at Stanford University. Each greenhouse is 237 sq. ft. in size. Overall square footage for the new rooftop greenhouses is 712 sq. ft.

Owner: Stanford University
Applicant: Stephen Pond, Project Manager
Address: 371 Serra Mall, Stanford
APN: 142-05-024

Community Plan Designation: Academic Campus
Zoning: A1 (General Use)
Project Area: 5,224 sq. ft.
Supervisorial District: 5

RECOMMENDED ACTIONS

A. Approve the use of a prior California Environmental Quality Act (CEQA) document [2000 Stanford Community Plan and General Use Permit (GUP) Program Environmental Impact Report (EIR)].

B. Grant Architecture & Site Approval (ASA), subject to conditions of approval outlined in Attachment B.

ATTACHMENTS INCLUDED

Attachment A – CEQA Determination – Use of a Prior CEQA Document
Attachment B – Proposed ASA Conditions of Approval
Attachment C – Location & Vicinity Map
Attachment D – Proposed Plans
PROJECT DESCRIPTION

The proposed project is for the construction of three (3) new greenhouses on the rooftop of the existing Gilbert Biology Building on Stanford campus. The project site is located along Serra Mall Street, with the Gates Computer Science building to its west and Herrin Hall to its east. The proposed heights of the new greenhouses, as measured from the existing Gilbert Biology Building flat roof, are 15 ft-3½ in., each. The overall height of the Gilbert Biology Building with the new greenhouse buildings will be 82 ft-9½ in., as measured from adjacent grade to the highest point of the greenhouse(s). Each greenhouse is 237 sq. ft. in size. Overall square footage for the new rooftop greenhouses is 712 sq. ft.

No new parking, tree removal or grading is proposed with this project.

REASONS FOR RECOMMENDATION

A. Environmental Review and Determination (CEQA)
   The proposed project is in conformance with both the 2000 Stanford Community Plan (“SCP”) and General Use Permit (“GUP”) and has no new effects beyond those analyzed in the Program EIR, certified by the Board of Supervisors in December 2000. The Program EIR analyzed the environmental impacts of campus development allowed under the SCP and GUP. The proposed project is within the scope of the campus development analyzed in the 2000 GUP. Therefore, use of the prior CEQA document is adequate for this project.

B. Project/Proposal
   1. Stanford Community Plan and GUP: The project conforms to applicable Community Plan goals, strategies and policies. Academic uses like the proposed greenhouses are permitted uses within the Academic Campus land use designation, and as conditioned, will satisfy the requirements of the GUP. The 2000 Community Plan and GUP governs development projects on the Stanford campus. This project conforms to the criteria set forth by the GUP and provisions identified within the Community Plan, and subject to compliance with the preliminary conditions outlined in Attachment B.

   2. ASA approval:
      ASA approval standards, applicable regulations, and findings: The project substantially conforms to the requirements and guidelines in the SCP and GUP. These requirements meet all of the ASA Guidelines through the ASA approval process approved by the Zoning Administrator.

C. ASA Findings:
   Pursuant to §5.40.040 of the County Zoning Ordinance, the Zoning Administrator may grant an Architecture & Site Approval contingent upon specific findings. In the following discussion, the scope of review findings are listed in bold, and an explanation of how the project meets the required standard is in plain text below.
A. Adequate traffic safety, on-site circulation, parking and loading areas, and insignificant effect of the development on traffic movement in the area;

*Long-term traffic*

The new proposed greenhouses are academic use research buildings that will serve existing employees of the Gilbert Biology building. Traffic to the project site will remain the same. The project is located within an established area of the Stanford academic campus with adequate parking facilities. The project does not result in any change in the amount of traffic and does not generate any new trips from a traffic impact perspective. As such, the traffic would be consistent with that analyzed in the prior 2000 GUP EIR.

*Short-term construction traffic*

The project will result in short-term impacts related to construction activities, however conditions of approval have been added to this project to mitigate these short-term impacts to a less than significant level. All construction trucks will be required to use approved truck routes, for transporting construction materials to and from the site. Furthermore, the project has been conditioned to restrict construction material deliveries to non-peak hours, as defined the 2000 GUP EIR. Compliance with the Conditions of Approval (Attachment B) ensures that the short-term construction traffic associated with the project will not have a significant effect on traffic movement in the area.

*Parking*

The project has no new proposed parking on the project site. Hence, there would be no impact on parking. There is adequate on-campus parking in the area provided by other existing parking lots in the vicinity for users driving within the Campus.

B. Appearance of proposed site development and structures, including signs will not be detrimental to the character of the surrounding neighborhood or zoning district;

The new proposed greenhouses are academic-use buildings that will serve Stanford Biology Department's plant science research. Two functioning greenhouses, total 841 sq. ft. in size, are existing on the rooftop of the Gilbert Biology building, where construction of the three (3) new greenhouses is proposed. The proposed glass construction of the new greenhouses will match exterior finish of the existing greenhouses. The proposed height of the new greenhouses (15ft-3½) is comparable to height of the existing greenhouses (12ft-9in), with the difference in height resulting from the need to meet new research requirements and opportunities to grow taller plants. There will be LED lighting located at approximately 8 feet off the greenhouse floor or 5 feet above the plant growing benches. The lights will be oriented to shine down on the plants to provide supplemental lighting relative to the glass roof of the greenhouse. As plant growth research typically follows the natural daytime light cycle, the supplemental growing lights will not be operable during the night time, therefore will have no exterior impacts.

Height of the proposed greenhouses, as measured from the existing Gilbert Biology Building flat roof, are 15ft-3½in, each. The cumulative height above grade to the top of
the proposed greenhouse roof is 82ft-9½in. Although the proposed cumulative building height is taller than the general 35-foot zoning standard limitation in A1 district, it is consistent with the surrounding building character in the Campus Centre district. For example, the adjacent Gates Computer Science Building is 95ft-2in. high, Herrin Biology Building is 75ft-9in. high and Bass Biology Building is 77ft high. The Zoning Administrator, as a part of the ASA review and approval, can establish different height and setback standards for development in the A1 district.

The project, as proposed, will not be detrimental to the surrounding area or neighborhood.

C. Appearance and continued maintenance of proposed landscaping will not be detrimental to the character of the surrounding neighborhood or zoning district;

No tree removal or landscaping is proposed with this project.

D. No significant, unmitigated adverse public health, safety and environmental effects of proposed development;

The Program GUP EIR certified by the Board of Supervisors in December 2000 analyzed the environmental impacts of Stanford campus development allowed under the SCP and GUP. The proposed greenhouses are within the scope of the development analyzed in the 2000 GUP EIR. All appropriate conditions of approval have been added to ensure conformance with the 2000 GUP EIR.

The prior CEQA analysis concluded that the proposed greenhouses would not result in any significant environmental impacts as it relates to parking, traffic, construction noise, and air quality. The project has been reviewed with respect to all applicable regulations relating to public health and safety. The prior CEQA analysis for the project determined that with the conditions of approval, the project would not result in any significant environmental impacts (See Attachment A).

E. No adverse effect of the development on flood control, storm drainage, and surface water drainage;

The project site does not contain any creeks or streams and is not located within a 100-year flood zone. The project is proposed on the rooftop of an existing building thus there is no change in existing drainage patterns.

F. Adequate existing and proposed fire protection improvements to serve the development;

The Fire Marshal's Office has reviewed and conditioned the project to ensure existing and proposed fire protection access and water supply are in conformance with applicable regulations and as can be seen in the attached conditions.
G. No significant increase in noise levels;

Due to the nature of the proposed use, and its location within the Stanford Campus area, the project is not anticipated to cause any significant increases in noise levels to surrounding neighborhoods. The project may create short-term/temporary construction noise impacts due to construction activities and construction traffic. The project has been conditioned to require submittal of a Traffic and Construction Management Plan. Furthermore, construction activities shall be limited to the hours of 7AM and 7PM, Monday through Saturday, with no construction activity occurring after 7PM, or on Sundays.

H. Conformance with zoning standards, unless such standards are expressly eligible for modification by the Zoning Administrator as specified in the Zoning Ordinance.

The property is zoned A1, which is the “General Use” zoning district that provides for general purpose uses, subject to discretionary land use approvals. The standards applicable to development within this zoning district are listed in Table 2.50-2 of the County Zoning Ordinance. The proposed new greenhouse structure, combined with the existing building, has a maximum height of 82ft-9½in, which is over the general 35-foot zoning standard limitation in A1 district. The Zoning Administrator is allowed to make an exception based on the location and design of the project.

As previously noted, the height of the proposed greenhouses, as measured from the existing Gilbert Biology Building flat roof are 15ft-3½in, each. Cumulatively, the height of the entire structure, as measured from adjacent grade to the top of proposed greenhouse roof, is 82ft-9½in. Although the proposed cumulative building height is taller than the general 35-foot zoning standard limitation in A1 district, it is consistent with the surrounding building character in the Campus Centre district. For example, the adjacent Gates Computer Science Building is 95ft-2in high, Herrin Biology Building is 75ft-9in high and Bass Biology Building is 77ft high. The proposed project is consistent and compatible with the existing heights of other buildings within the immediate area. As such, Staff recommends support of the increase to the height limitations for this project.

I. Conformance with the general plan and any applicable area or specific plan, or, where applicable, city general plan conformance for property located within a city’s urban service area; and

The Stanford academic campus is primarily designated as Major Educational and Institutional Use within the Santa Clara County general plan. The Community Plan identifies the project site for development of the greenhouses as Academic Campus. The proposed project that will serve Stanford Biology Department’s plant science research complies with the applicable policies set forth in the Community Plan with reference to SCP-LU1 and SCP-LU2, which state that allowable academic use includes facilities for research activities.
J. Substantial conformance with the adopted “Guidelines for Architecture and Site Approval” and other applicable guidelines adopted by the County.

Suggested regulations that are addressed in the ASA Guidelines are superseded by the requirements and guidelines of the SCP and GUP. Nonetheless, conformance with the SCP and GUP are consistent with the ASA Guidelines.

BACKGROUND

On December 12, 2000, the County of Santa Clara approved the 2000 Stanford University Community Plan and General Use Permit (GUP), governing development projects on the Stanford campus. The GUP allows Stanford to construct up to 2,035,000 net square feet of academic and academic support uses, 3,018 new housing units, and 2,300 net new parking spaces on Stanford lands. The new greenhouses are proposed in the Campus Centre Development District (“District”). Per the development tracking sheet submitted with the application, after addition of proposed greenhouse GUP square footage (712 sq.ft.) to the District, balance square footage remaining in the District is 153,054 sq. ft.

On February 20, 2018 an application for Architecture and Site Approval was submitted for construction of three (3) new greenhouses on the rooftop of the existing Gilbert Biology Building at Stanford University, and was subsequently deemed complete on March 29, 2018. A public notice was mailed to all property owners within a 300-foot radius on April 18, 2018 and was also published in the Post Records on April 20, 2018.

STAFF REPORT REVIEW

Prepared by: Charu Ahluwalia, Associate Planner
Reviewed by: Leza Mikhail, Principal Planner & Zoning Administrator
USE OF A PRIOR CEQA DOCUMENT
PROGRAM ENVIRONMENTAL IMPACT REPORT (EIR)

Pursuant to Section 15162 of the CEQA Guidelines, the County of Santa Clara has determined that the project described below is pursuant to or in furtherance of an Environmental Impact Report which has been previously adopted and does not involve new significant impacts beyond those analyzed in the previous Environmental Impact Report.

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<thead>
<tr>
<th>File Number</th>
<th>APN(s)</th>
<th>Date</th>
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<td>11218-18A</td>
<td>142-05-024</td>
<td>4/19/2018</td>
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Project Name: Gilbert Building Rooftop Greenhouses
Owner: Stanford University
Project Description:

Construction of three (3) new greenhouses on the rooftop of the existing Gilbert Biology Building at Stanford University. Each greenhouse is approximately 237 sq. ft. in size. Overall square footage for the new rooftop greenhouses is 712 sq. ft.

Background and Summary of Findings:

Per the California Environmental Quality Act (CEQA) of 1970 (as amended), all development permits processed by the County Planning Office which require discretionary approval are subject to environmental review. A new Negative Declaration or EIR is not required if a previous CEQA document has been prepared and adopted or certified which adequately address all the possible environmental impacts of the proposed project and (a) no substantial changes are proposed in the project which will result in new significant environmental effects, (b) no substantial changes have occurred with respect to the circumstances under which will result in the identification of new significant impacts, or (c) no new information is available which shows that the project will have new significant impacts or mitigation measures and alternatives which were previously found to be infeasible would now in fact be feasible (CEQA Guidelines 15162).

The Planning Office evaluated the project described above and has determined that none of the circumstances exist which would require additional environmental review. As such the environmental impacts of the project have been adequately evaluated in the Environmental Impact Report adopted by the Board of Supervisors on December 15, 2000 for the project entitled “Stanford University Community Plan and General Use Permit” and that no further environmental review is required under the California Environmental Quality Act.

Approved by:
Manira Sandhir, Principal Planner

Signature               Date: 4/19/18
FILE NUMBER: 11218-18A
NAME (Applicant): Stanford University
MEETING DATE: May 3, 2018

PROJECT DESCRIPTION: Construction of three (3) new greenhouses on the rooftop of the existing Gilbert Biology Building at Stanford University. Overall square footage for the new rooftop greenhouses is 712 sq. ft.

APPLICATION APPROVED SUBJECT TO CONDITIONS STATED BELOW IN ACCORDANCE WITH PLANS AS SUBMITTED.

Items marked with one asterisk (*) must be completed prior to building permit issuance.
Items marked with two asterisks (**) must be completed prior to occupancy or final inspection.

Planning
For more information regarding the following conditions, contact Charu Ahluwalia at (408) 299-5740 or charu.ahluwalia@pln.sccgov.org.

1. Development and maintenance of the project site shall take place in accordance with approved plans, received by the Planning Department on April 20, 2018. The project allows construction of three (3) new greenhouses on the rooftop of the existing Gilbert Biology Building, at Stanford University. Each greenhouse is 237 sq. ft. in size. Overall square footage for the new rooftop greenhouses is 712 sq. ft.

2.* Apply for and obtain building permit for the new building.

3. The project shall comply with the Stanford University 2000 General Use Permit Conditions of Approval, and approved Stanford University 2000 GUP Mitigation Monitoring and Reporting Program.

4. Stanford shall be responsible for paying all reasonable costs associated with work by the County Planning Department, or with work conducted under the supervision of the County Planning Office, in conjunction with, or in any way related to the conditions of approval identified in this project. This includes but is not limited to costs for staff time, consultant fees, and direct costs associated with report production and distribution.

5.* Place a construction note on the site plan that states the following: “The Bay Area Air Quality Management District (BAAQMD) has identified a set of feasible PM10 control
measures for all construction activities. These control measures, as previously required in the Program EIR, shall be adhered to during all construction activities.
A. Water all active construction areas at least twice daily;
B. Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard;
C. Pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas and staging areas at construction sites;
D. Sweep daily (with water sweepers) all paved access roads, parking areas and staging areas at construction sites;
E. Sweep streets daily (with water sweepers) if visible soil material is carried onto adjacent public streets;
F. Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for ten days or more);
G. Enclose, cover, water twice daily or apply (non-toxic) soil binders to exposed stockpiles (dirt, sand,);
H. Limit traffic speeds on unpaved roads to 15 mph;
I. Install fiber rolls, sandbags or other erosion control measures to prevent silt runoff to public roadways;
J. Replant vegetation in disturbed areas as quickly as possible;
K. Install wheel washers for all existing trucks, or wash off the tires of tracks of all trucks and equipment leaving the site; and
L. Suspend excavation and grading activity when winds (instantaneous gusts) exceed 25 mph.”

6.* Place a construction note on the site plan that states the following: “All construction contractors shall properly maintain the equipment and where feasible, use “clean fuel” equipment and emissions control technology (e.g., CNG fired engines, catalytic converters, particulate traps, etc.). Measures to reduce diesel emission would be considered feasible when they are capable of being used on equipment without interfering substantially with equipment performance.”

7.* Submit site plan that shows all pedestrian and bicycle corridors along with public transit stops adjacent to the project site and indicate how bicycle, pedestrian, and public transit access and circulation will be maintained during construction. Bicycle and pedestrian access onto the campus and around the site (outside construction areas) shall not be substantially limited by construction activities associated the project. In addition, access to public transit shall not be limited, which could include the relocation or removal of adjacent bus stops.

8.* Final buildings permit plans shall include the following construction notes:
A. Construction materials delivered from off campus shall not be delivered between the hours of 7:00 AM to 9:00 AM and 4:00 to 6:00 PM on weekdays.
B. Trucks exporting/importing building materials for the project shall use approved truck routes shown in the 2000 GUP, as designated by the cities of Palo Alto and Menlo Park.
9.* Submit a Construction Management and Logistics Plan prior to issuance of any building permits that clearly identifies the elements listed below (G.12):
   A. Provide off-street construction related parking. Identify off-street parking location(s) on site plan for all construction related vehicles (employee parking and construction equipment) throughout the construction period. If adequate parking cannot be provided on the construction sites, identify on the site plan or vicinity map the satellite parking location(s) that will be used.
   B. Prohibit impacts to accessing public transit access and movement of public transit vehicles. Identify on site plan all temporary or permanent access limitations, re-routes, lane closures, or limits to public transit movements or place a note on the site plan stating “No temporary or permanent access limitations, re-routes, lane closures, or limits to public transit movement are permitted.”
   C. Prohibit roadway construction activities from reducing roadway capacity during Stanford major athletic and special events. Stanford shall not limit roadway capacity during special events or during major athletic events, which attract a large number of visitors to the campus.
   D. Provide written notification to Stanford Police and Palo Alto Fire Department regarding construction location and construction dates. Include in the notices alternate evacuation and emergency route designations to maintain response times during construction periods, if applicable. Provide one copy of the notices to the County.
   E. Provide written notification to all contractors and subcontractors regarding appropriate routes and weight limits and speed limits for local roads used to access construction sites. Provide one copy of the notices to the County Planning Office.
   F. Provide notification to the Cities of Palo Alto and Menlo Park of the construction schedule and include a copy of the Santa Clara County approved Construction and Traffic Management Plan. Provide one copy of the notices to the County Planning Office.

10. The interior lighting in the greenhouses shall follow the natural daytime light cycle and shall be turned off one hour after sunset. Hours of operation for Gilbert Biology Building are 7:00AM to 5:00PM.

11.* Submit a detailed lighting plan which includes all new interior and exterior lighting. The Lighting Plan shall provide light fixture details with lighting profiles and product-specific information that includes the following information:
   a. Depict the extent of illumination from all new lighting (photometric plan).
   b. Ensure absence of upward glow.
   c. Use “state-of-the-art” luminaries including those with high beam efficiency.

12.* Preconstruction surveys for nesting raptors and migratory birds shall be conducted by a qualified ornithologist to identify active nests that may be disturbed during project implementation. Between January 1 and April 30, preconstruction surveys shall be conducted no more than 14 days prior to the initiation of construction activities or tree removal. Between May 1 and August 31, preconstruction surveys no more than 30 days prior to the initiation of these activities. Stanford University shall conduct an additional
preconstruction survey within 24 hours of initiation of construction activities, by the Campus Biologist, to verify no new nesting has occurred. If an active nest is found near, or in close proximity to, the construction area where the nest could be disturbed by these activities, the ornithologist or Campus Biologist, shall, in consultation with the California Department of Fish and Game, designate a construction free buffer zone (typically 250 feet) around the nest.

13. In the event that previously unidentified historic or prehistoric archaeological resources are discovered during construction, the contractor shall cease work in the immediate area and the County Planning Office and Campus Archaeologist shall be contacted. An independent qualified archaeologist retained by the County at the expense of Stanford shall assess the significance of the find and make mitigation recommendations.

14. If archeological resources are discovered as described above, construction monitoring shall be conducted at any time ground-disturbing activities (greater than 12 inches in depth) are taking place in the immediate vicinity of the identified resources. If monitoring does not produce evidence of significant cultural resources within the project area, further mitigation shall be limited to construction monitoring, unless additional testing or other specific mitigation measures are determined by a qualified archaeologist to be necessary to ensure avoidance of damage to significant archaeological resources. A technical report of findings describing the results of all monitoring shall be prepared in accordance with professional standards. The archaeological monitoring program shall be implemented by an individual meeting the Secretary of Interior Professional Qualifications Standards in Archaeology (36 CFR 61); individual field monitors shall be qualified in the recognition of cultural resources and possess sufficient academic and field training as required to conduct the work effectively and without undue delay.

15. In the event that human skeletal remains are encountered, the applicant is required by County Ordinance No. B6-18 to immediately notify the County Coroner. Upon determination by the County Coroner that the remains are Native American, the coroner shall contact the California Native American Heritage Commission, pursuant to subdivision (c) of section 7050.5 of the Health and Safety Code and the County Coordinator of Indian affairs. No further disturbance of the site may be made except as authorized by the County Coordinator of Indian Affairs in accordance with the provisions of state law and this chapter. If artifacts are found on the site a qualified archaeologist shall be contacted along with the County Planning Office. No further disturbance of the artifacts may be made except as authorized by the County Planning Office.

16. In the event that fossilized shell or bone is uncovered during any earth-disturbing operation, contractors shall stop work in the immediate area of the find and notify the Campus Archaeologist and the County Building Inspector assigned to the project. The Campus Archaeologist shall visit the site and make recommendations for treatment of the find (including but not limited to consultation with a paleontologist and excavation, if warranted), which would be sent to the County Building Inspection Office and the County Planning Office. If a fossil find is confirmed, it will be recorded with the United States Geological Survey and curated in an appropriate repository.
17.* Adequate signs shall be posted along the street frontages or in front of the project site, no smaller than 1,296 square inches in size, containing the name, telephone number, and email address of the appropriate Stanford person the public may contact to register a complaint about construction noise. Additionally, Stanford shall create an outreach and information portal to facilitate information and alerts to be delivered to the immediate neighborhoods on construction activities. Stanford shall keep a written record of all such complaints and shall provide copies of these records to the County Planning Office.

18.** For each 11,763 net square feet of academic space built, Stanford shall either: (1) provide 1 affordable housing unit on the Stanford campus; or (2) make an appropriate cash payment in lieu of providing the housing unit equal to the “BMR” payment that the City of Palo Alto is charging to commercial development projects when the project is built. The payment shall be made to an escrow account established and maintained by the County.

19.** Following completion of construction and prior to occupancy, contact Charu Ahluwalia at 408-299-5740 to schedule a site visit to verify the approved development. Contact the Planning Department at least two weeks in advance to set up an appointment.

Fire Marshal's Office
For more information regarding the following conditions, contact Alex Goff at (408) 299-5763 or alex.goff@sccfd.org.

20. The scope of this review is for fire protection water supply and fire department access only. An additional review for further compliance with the California Fire and Building Code will be performed by this office when a complete set of construction drawings is submitted for building permit application.

Building Inspection
For more information regarding the following conditions, contact Building Inspection Office at (408) 299-5700

21.* For detailed information about the requirements for a building permit, obtain a Building Permit Application Instruction handout from the Office of Building Inspection or visit their website (www.sccbuilding.org).
GILBERT BUILDING ROOFTOP GREENHOUSES: STANFORD UNIVERSITY

PROJECT #5348 / BLDG #: 07-420 / PARCEL #:142-05-024
371 SERRA MALL, STANFORD, CA 94305 / DEVELOPMENT DISTRICT: CAMPUS CENTER

Sheet Index
G0.00 ASA SUBMITTAL SET COVER SHEET
G0.01 EXISTING CONDITIONS
A1.00 ASA-ROOFTOP PLAN
A3.00 ASA-BUILDING ELEVATIONS/SECTIONS
A9.00 ASA-3D VIEWS

OCCUPANCY TYPE:
B, LABORATORIES

TYPE OF CONSTRUCTION:
TYPE 1A

FIRE SPRINKLER:
FIRE SPRINKLERS THROUGHOUT

BUILDING HEIGHT (GREENHOUSE HEIGHT ABOVE EXISTING ROOFTOP):
15'-7 1/2"

ALLOWABLE HEIGHT:
UNLIMITED PER TABLE 504.3

BUILDING AREA:
712 SF

ALLOWABLE AREA:
UNLIMITED PER TABLE 506.2 FOR TYPE 1A CONSTRUCTION

Code Interpretations

Project Description
The project involves the construction of three new greenhouses on the existing rooftop of the Gilbert Biology building. The overall square footage for the new greenhouses is 712 square feet.

Site Data Information

Site Area Plan (NTS)

Project Site

Stamps & Approvals

Not for Construction

Architecture * Interiors & Planning * Engineering
650 California Street
17th Floor
San Francisco, CA 94108
Tel: 415-398-1600
www.flad.com

Field Notes

03/15/18 ASA Submittal Revision No. 1
04/19/18 ASA Submittal Revision No. 2

Project Manager
Stephen Pond
Department of Project Management
Stanford University Land, Buildings & Real Estate
3160 Porter Drive, Suite 200
Palo Alto, CA 94304-8442
(650) 723-0785
SPOND@STANFORD.EDU
EXISTING GREENHOUSES

NEW GREENHOUSES

LENGTH REDUCED FROM 21'-0" TO 19'-2"

NOT FOR CONSTRUCTION